

L Number	Hits	Search Text	DB	Time stamp
1	384	protrusion same pyramid	USPAT; EPO	2002/09/04 11:55
2	298	protrusion with pyramid	USPAT; EPO	2002/09/04 11:56
3	18	(probe or tip) with (protrusion with pyramid)	USPAT; EPO	2002/09/04 12:15
4	9	quadrangle near pyramid	USPAT; EPO	2002/09/04 11:59
5	1	("6201226").PN.	USPAT; EPO	2002/09/04 12:00
6	7	("5260567"   "5294790"   "5354985"   "5517280"   "5546375"   "5548117")	USPAT; EPO	2002/09/04 12:00
7	126	open\$3 near5 "100" near (nm)	USPAT; EPO	2002/09/04 13:37
10	5	("5294790"   "5625617"   "5638111"   "5978326"   "6011664").PN.	USPAT; EPO	2002/09/04 12:21
11	157	(probe or tip) near5 "100" near (nm)	USPAT; EPO	2002/09/04 15:34
14	6	("4604520"   "4684206"   "4725727"   "5294790"   "5353632"   "5384464").PN.	USPAT; EPO	2002/09/04 12:43
41	5825	elast\$4 near support\$4	USPAT; EPO	2002/09/04 13:17
42	93	elast\$4 near support\$4 with (probe or tip)	USPAT; EPO	2002/09/04 13:17
43	9	("4343993"   "4724318"   "5132533"   "5294790"   "5304795"   "53333495")	USPAT; EPO	2002/09/04 13:19
46	51	(probe or tip) near5 "100" near (nm) and @pd<19980308	USPAT; EPO	2002/09/04 13:40
47	1	((probe or tip)near open\$4) with "100" near (nm or nano?meter or nanometer)	USPAT; EPO	2002/09/04 13:40
48	11	((probe or tip)with open\$4) with ("100" near (nm or nano?meter or nanometer))	USPAT; EPO	2002/09/04 13:40
49	0	((probe or tip)with open\$4) with ("100" near (nm or nano?meter or nanometer)) and @pd<19980308	USPAT; EPO	2002/09/04 13:49
50	104	((elastic near support\$4) with ((light near emit\$4) or laser or tip or probe) and @pd<19980308	USPAT; EPO	2002/09/04 13:53
51	58	((elastic near support\$4) with ((light near emit\$4) or laser or tip or probe) and @pd<19980308	USPAT; EPO	2002/09/04 13:55
52	507	((elastic or flex\$4 or deform\$6)near support\$4) with ((light near2 emit\$4) or laser or tip or probe)	USPAT; EPO	2002/09/04 14:06
53	325	((elastic or flex\$4 or deform\$6)near support\$4) with ((light near2 emit\$4) or laser or tip or probe) and @pd<19980308	USPAT; EPO	2002/09/04 15:15
54	829	((elastic or flex\$4 or deform\$6)near (supports4 or substrate)) with ((light near2 emit\$4) or laser or tip or probe)	USPAT; EPO	2002/09/04 14:18
55	467	((elastic or flex\$4 or deform\$6)near (supports4 or substrate)) with ((light near2 emit\$4) or laser or tip or probe) and @pd<19980308	USPAT; EPO	2002/09/04 14:21
56	20	((elastic or flex\$4 or deform\$6)near (supports4 or substrate)) with ((light near2 emit\$4) or laser or tip or probe) and @pd<19980308) and 250/\$4.ccls.	USPAT; EPO	2002/09/04 14:21
57	36	((elastic or flex\$4 or deform\$6)near (supports4 or substrate)) with ((light near2 emit\$4) or laser or tip or probe) and @pd<19980308) and 356/\$4.ccls.	USPAT; EPO	2002/09/04 14:26
58	35	((elastic or flex\$4 or deform\$6)near (supports4 or substrate)) with ((light near2 emit\$4) or laser or tip or probe) and @pd<19980308) and 359/\$4.ccls.	USPAT; EPO	2002/09/04 14:27
59	1559	((elastic or flex\$4 or deform\$6)near (supports4 or substrate)) with ((light or laser or source)	USPAT; EPO	2002/09/04 14:48
60	43	((elastic or flex\$4 or deform\$6)near (supports4 or substrate)) with ((light) or laser or source) and 250/\$4.ccls.	USPAT; EPO	2002/09/04 14:22
61	1056	((elastic or flex\$4 or deform\$6)near (supports4 or substrate)) with ((light) or laser or source) and @pd<19980308	USPAT; EPO	2002/09/04 14:49
62	34	((elastic or flex\$4 or deform\$6)near (supports4 or substrate)) with ((light) or laser or source) and @pd<19980308) and 250/\$4.ccls.	USPAT; EPO	2002/09/04 14:49
63	35	((elastic or flex\$4 or deform\$6)near (supports4 or substrate)) with ((light) or laser or source) and @pd<19980308) and 356/\$4.ccls.	USPAT; EPO	2002/09/04 14:26

64	84	((elastic or flex\$4 or deform\$6) near (support\$4 or substrate) with (light) or laser or source) and @pd<19980308) and 359/\$4.cc1s.	USPAT; EPO	2002/09/04 14:27
65	1351	((cantilever) with ((light) or laser or source) and @pd<19980308) and 359/\$4.cc1s.	USPAT; EPO	2002/09/04 15:23
66	861	((cantilever) with ((light) or laser or source) and @pd<19980308) and 359/\$4.cc1s.	USPAT; EPO	2002/09/04 14:49
67	159	((cantilever) with ((light) or laser or source) and @pd<19980308) and 359/\$4.cc1s.	USPAT; EPO	2002/09/04 14:50
70	366	((elastic or flex\$4 or deform\$6) near support\$4) with ((light near2 emit\$4) or laser or tip or probe) and @pd<19990308	USPAT; EPO	2002/09/04 15:16
71	67	((probe or tip) near5 "100" near (nm) and @pd<19990308	USPAT; EPO	2002/09/04 15:17
72	54	(open\$3 near5 "100" near (nm) and @pd<19990308	USPAT; EPO	2002/09/04 15:24
81	226	((cantilever) with ((light) or laser or source) with (detector or \$6detector)	USPAT; EPO	2002/09/04 15:23
82	122	((cantilever) with ((light) or laser or source) with (detector or \$6detector) and @pd<19990308	USPAT; EPO	2002/09/04 15:36
83	11	((probe or tip or protrusion) with open\$4) with "100" near (nm or nanometer)	USPAT; EPO	2002/09/04 15:35
84	1	((probe or tip or protrusion) with open\$4) with "100" near (nm or nanometer or nanometer) and @pd<19990308	USPAT; EPO	2002/09/04 15:36
-	15543	p near2 electrode	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/09/04 11:55
-	17493	n near2 electrode	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 07:51
-	5675	(p near2 electrode) with (n near2 electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 07:51
-	1412773	substrate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 08:52
-	408	((p near2 electrode) with (n near2 electrode) with substrate) and @pd>20000101	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 07:59
-	39	toshihiko near ouchi	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 08:01
-	6	((p near2 electrode) with (n near2 electrode) with substrate) and (toshihiko near ouchi)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 08:10

-	6164	"near field"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 08:12
-	21897	"optical head"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 08:13
-	57	"near field" near "optical head"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 08:13
-	60736	cantilever	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 08:14
-	5	((p near2 electrode) with (n near2 electrode)) with substrate) and "near cantilever	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 08:14
-	22	((p near2 electrode) with (n near2 electrode)) with substrate) and "near field"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 08:16
-	2	("5214663"   "5416790") .PN.	USPAT	2002/02/28 08:22
-	14	5141319.URPN.	USPAT	2002/02/28 08:24
-	1	("5294790") .PN.	USPAT	2002/02/28 08:26
-	29	5294790.URPN.	USPAT	2002/02/28 08:26
-	7	("5260567"   "5294790"   "5354985"   "5517280"   "5546375"   "5548117"   "5770856") .PN.	USPAT	2002/02/28 08:31
-	1245743	wire or wiring	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 08:58
-	87	(wire or wiring) near (p near2 electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 08:48
-	74	(wire or wiring) near (n near2 electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 08:48
-	156	((wire or wiring) near (p near2 electrode) or (wire or wiring) near (n near2 electrode))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 08:49



-	242	((p near2 electrode) or (n near2 electrode)) with ((electrode near (wire or wiring)) or (wire or wiring) near5 substrate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 09:46
-	43695	(electrode near (wire or wiring)) or (wire or wiring) near substrate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 09:51
-	204	((p near2 electrode) or (n near2 electrode)) with ((electrode near (wire or wiring)) or (wire or wiring) near substrate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 09:51
-	13518	((electrode near (wire or wiring)) or (wire or wiring)) near substrate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 09:52
-	7	((p near2 electrode) or (n near2 electrode)) with ((electrode near (wire or wiring)) or (wire or wiring) near substrate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 09:53
-	54036	((electrode near (wire or wiring)) or (wire or wiring)) near5 substrate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 09:53
-	58	((p near2 electrode) or (n near2 electrode)) with ((electrode near (wire or wiring)) or (wire or wiring) near5 substrate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 09:53
-	1	("6201226") .PN.	USPAT	2002/02/28 11:23
-	0	(p near electrode) and ("6201226") .PN.)	USPAT	2002/02/28 11:23
-	1993	((p near2 electrode) with (n near2 electrode)) with substrate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 11:41
-	15	((p near2 electrode) with (n near2 electrode)) with substrate) and (SNOM or evanescent)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 11:56
-	1	((p near2 electrode) with (n near2 electrode)) with substrate) and (SNOM)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 11:56
-	29	5294790.URPN.	USPAT	2002/02/28 12:17

-	147	(250/201.3) .CCLS.	USPAT	2002/03/10 14:36
-	841	(250/234) .CCLS.	USPAT	2002/03/10 14:36
-	966	(250/306) .CCLS.	USPAT	2002/03/10 14:36
-	756	(250/307) .CCLS.	USPAT	2002/03/10 14:36
-	1880	surface near emit\$5 near laser with (tip or protrusion or open\$4)	USPAT;	EPO 2002/08/28 08:39
-	54	(surface near emit\$5 near laser with (tip or protrusion or open\$4)	USPAT;	EPO 2002/08/28 08:35
-	164	Shimada near Yasuhiro.in.	USPAT;	EPO 2002/08/28 08:24
-	9	("4915482"   "5485277"   "5583643"   "5677978"   "5729641"   "5858799"   "6034809"   "6201226"   "6282005").PN.	USPAT;	EPO 2002/08/28 08:27
-	193	(surface near emit\$5 near laser with (detector or \$6detector)	USPAT;	EPO 2002/08/28 08:37
-	156	(surface near emit\$5 near laser with (tip or protrusion or open\$4 or wave?guide or waveguide or cone or pyramid)	USPAT;	EPO 2002/08/28 08:37
-	15	((surface near emit\$5 near laser with (detector or \$6detector) with (detector or \$6detector) with (tip or protrusion or open\$4 or wave?guide or waveguide or cone or pyramid)	USPAT;	EPO 2002/08/28 08:36
-	122	(surface near emit\$5 near laser with (tip or protrusion or wave?guide or waveguide or cone or pyramid)	USPAT;	EPO 2002/08/28 08:37
-	9	((surface near emit\$5 near laser with (detector or \$6detector) with (tip or protrusion or wave?guide or waveguide or cone or pyramid)	USPAT;	EPO 2002/08/28 08:37
-	22010	((surface near emit\$4 near laser) or surface near3 laser) or surface near emit\$4 near laser with (tip or protrusion or waveguide or cone or pyramid)	USPAT;	EPO 2002/08/28 08:45
-	22010	((VCSEL or (surface near emit\$4 near laser) or (surface near3 laser) or (surface near emit\$4 near laser) or (surface near3 laser)) with (tip or protrusion or waveguide or cone or pyramid)	USPAT;	EPO 2002/08/28 08:47
-	493	((VCSEL or (surface near emit\$4 near laser) or (surface near3 laser)) with (probe or tip or protrusion)	USPAT;	EPO 2002/08/28 08:48
-	44	((VCSEL or (surface near emit\$4 near laser) or (surface near3 laser)) with (probe or tip or protrusion) with substrate	USPAT;	EPO 2002/08/28 09:03
-	3	("5354985"   "5346375"   "5677978").PN.	USPAT;	EPO 2002/08/28 08:50
-	59	5354985.URPN.	USPAT	2002/08/28 08:51
-	81	Kuroda near Ryo.in.	USPAT;	EPO 2002/08/28 09:03
-	6	(Kuroda near Ryo.in.) and (((VCSEL or (surface near emit\$4 near laser) or (surface near3 laser)) with (probe or tip or protrusion))	USPAT;	EPO 2002/08/28 09:05
-	7	(Shimada near Yasuhiro.in. ) and (((VCSEL or (surface near emit\$4 near laser) or (surface near3 laser)) with (probe or tip or protrusion))	USPAT;	EPO 2002/08/28 09:10
-	5	((Kuroda near Ryo.in.) and (((VCSEL or (surface near emit\$4 near laser) or (surface near3 laser)) with (probe or tip or protrusion)) and ((Shimada near Yasuhiro.in. ) and (((VCSEL or (surface near emit\$4 near laser) or (surface near3 laser)) with (probe or tip or protrusion)))	USPAT;	EPO 2002/08/28 09:10
-	1	("5354985").PN.	USPAT;	EPO 2002/08/28 09:44
-	0	(("5354985").PN.) and ((VCSEL or (surface near emit\$4 near laser) or (surface near3 laser)))	USPAT;	EPO 2002/08/28 09:45
-	1	("5354985").PN.) and laser	USPAT;	EPO 2002/08/28 09:46
-	1	("6156216").PN.	USPAT;	EPO 2002/08/28 09:46
-	0	(("6156216").PN.) and ((VCSEL or (surface near emit\$4 near laser) or (surface near3 laser)))	USPAT;	EPO 2002/08/28 09:46
-	1	(("6156216").PN.) and laser	USPAT;	EPO 2002/08/28 09:47